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PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Christopher D. Knight  
Serial No. 09/333,095  
Filed June 15, 1999  
For PROCESS FOR OPTIMIZING MILK PRODUCTION  
Examiner Nina Bhat

Art Unit 1761

January 22, 1999

Response Under 37 C.F.R. 1.111

Amendment A

TO THE ASSISTANT COMMISSIONER FOR PATENTS,

SIR:

In response to the Office Action dated October 25, 1999, please enter the following amendments:

In the Claims:

Please add the following new claims:

- 12. A ruminant feed ration for a ruminant, the ration comprising:
- a plurality of natural or synthetic feed ingredients which comprises one or more grains;
  - a hydroxy analog of methionine selected from the group consisting of 2-hydroxy-4-(methylthio)butanoic acid, salts, amides and esters thereof;
  - and, optionally a bypass fat;
  - wherein the amount of hydroxy analog of methionine is included within the ruminant feed ration at a level determined to be necessary to meet the methionine requirements of the ruminant, said methionine requirements being determined from the nutritional content of the ingredients other than the hydroxy analog of methionine

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